

FIG. 1

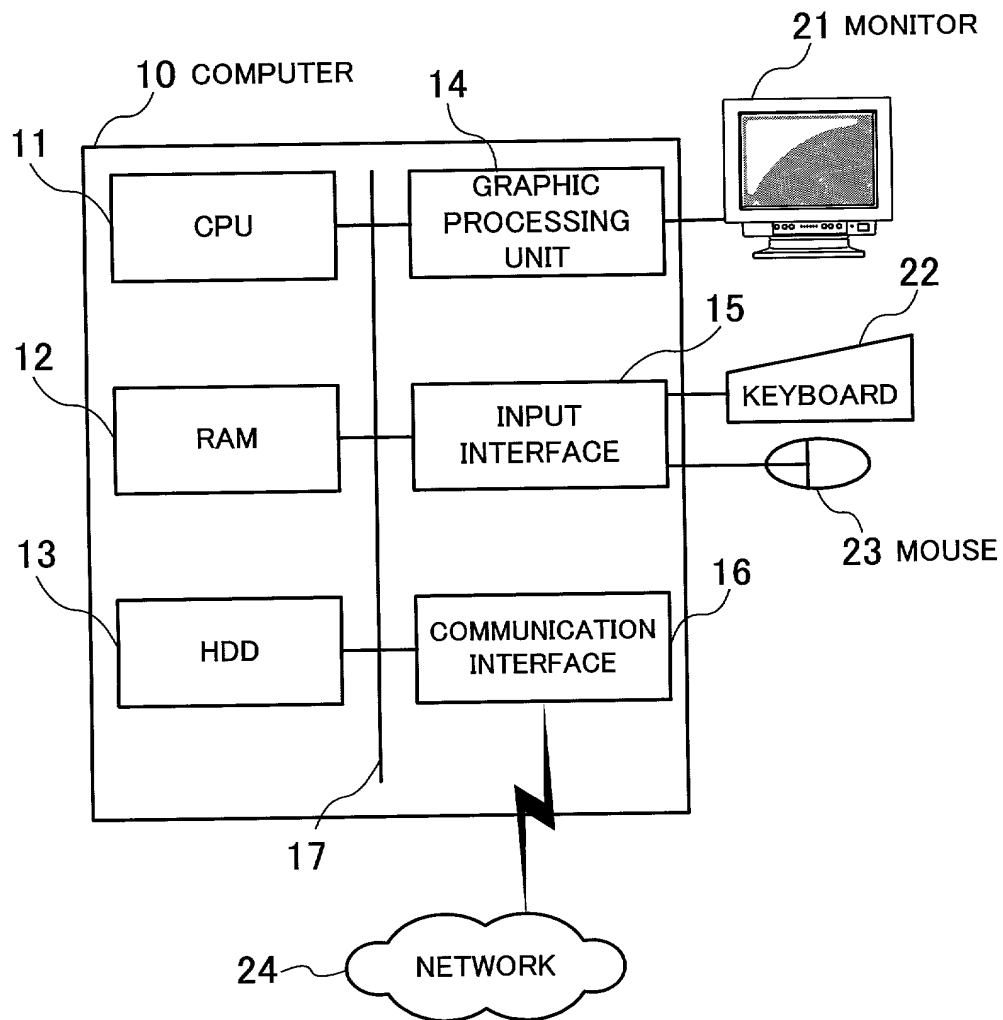


FIG. 2

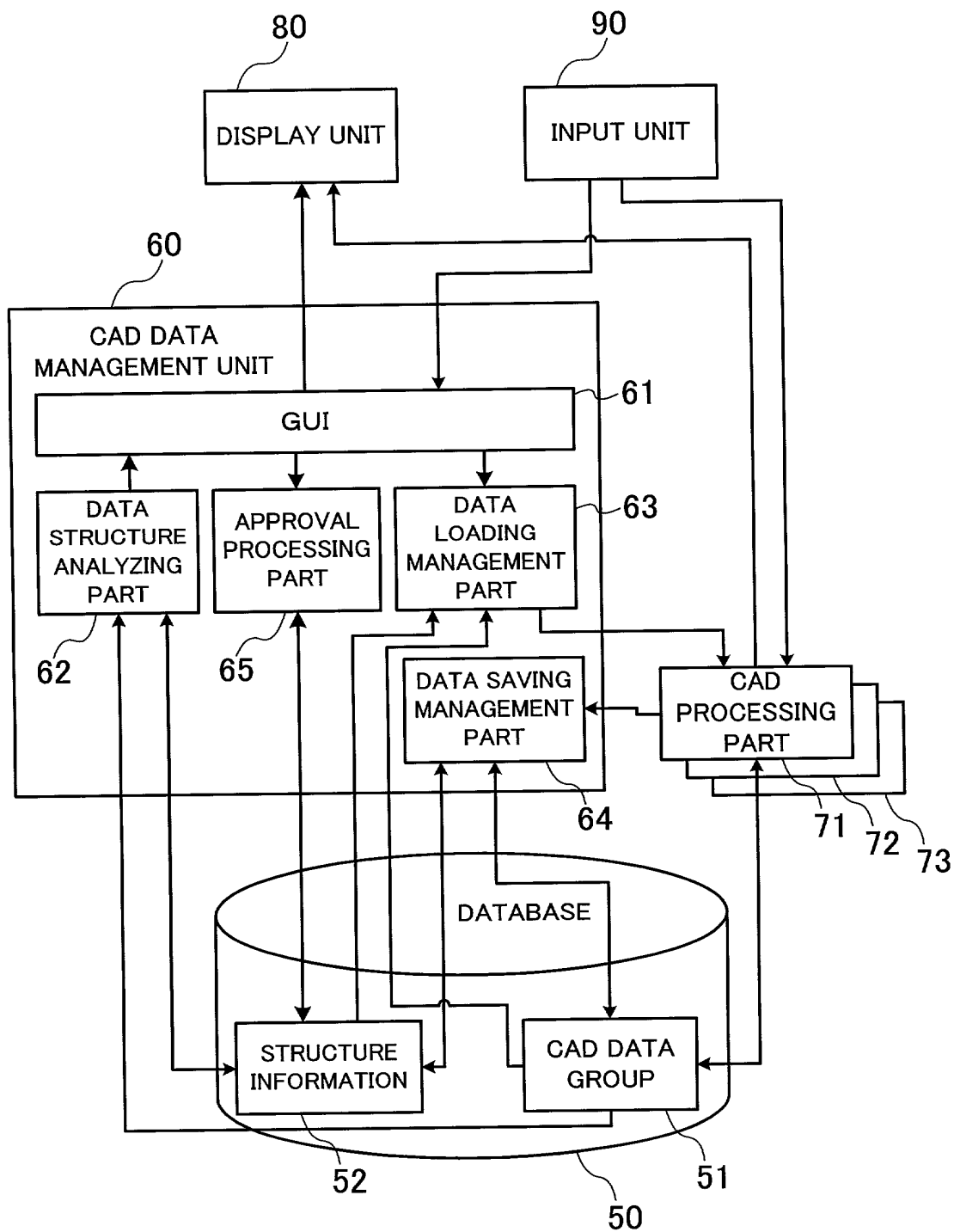
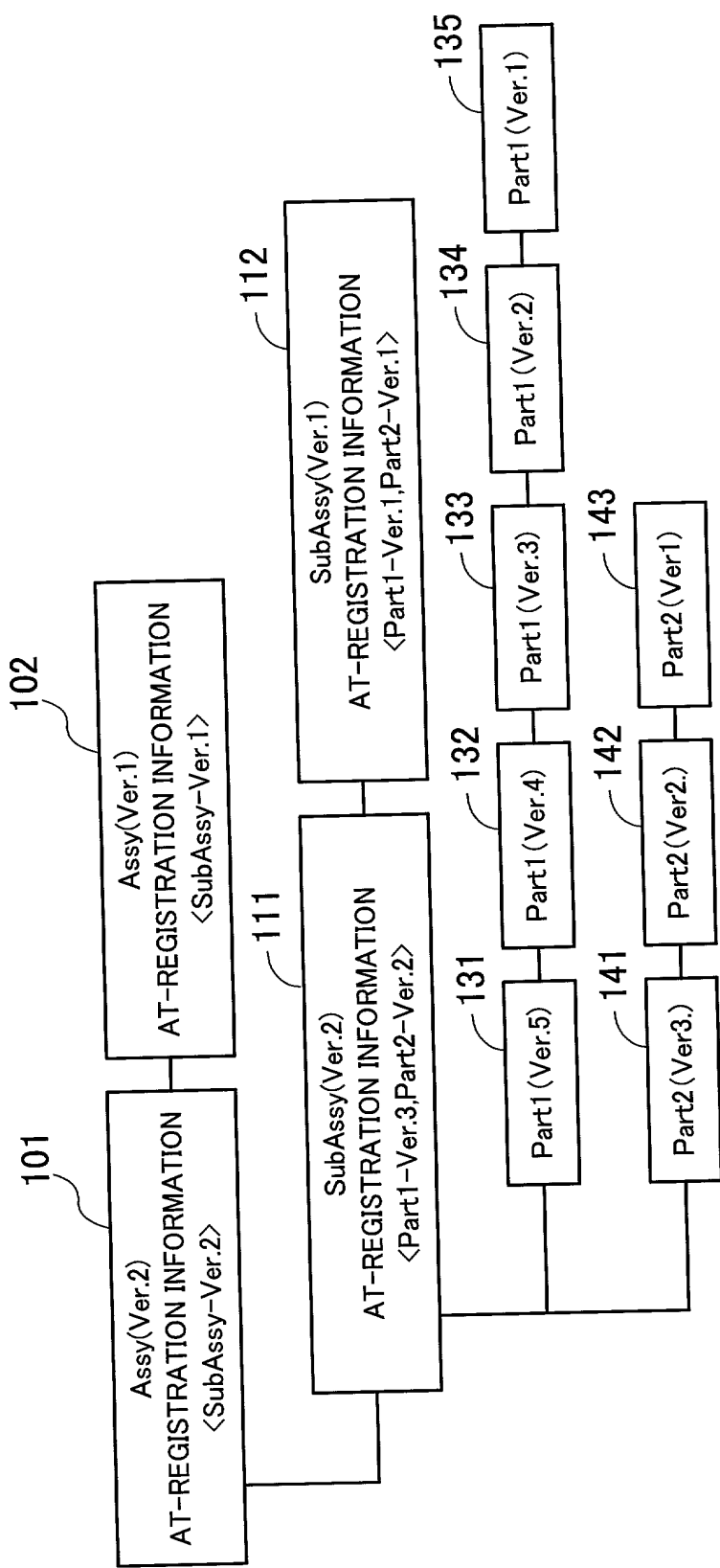


FIG. 3



EXAMPLE OF DATA STRUCTURE IN DB

FIG. 4

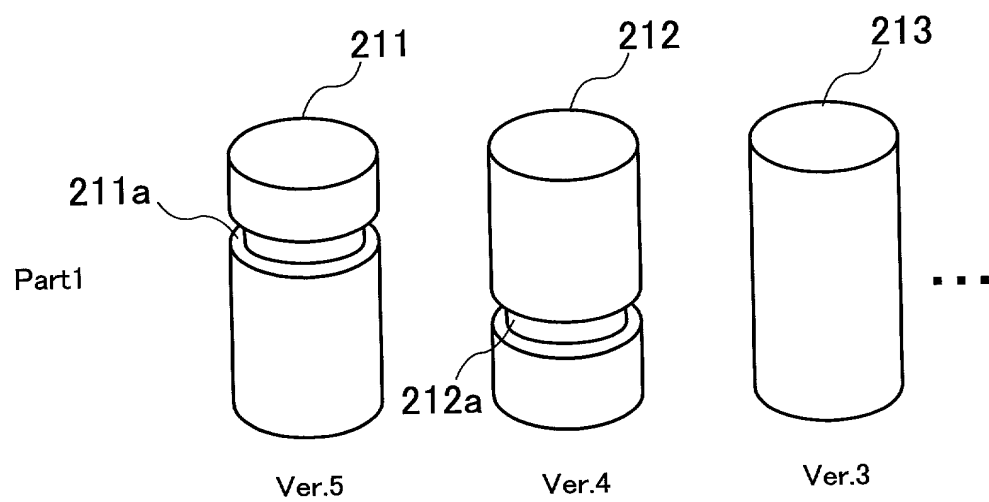


FIG. 5(A) FIG. 5(B) FIG. 5(C)

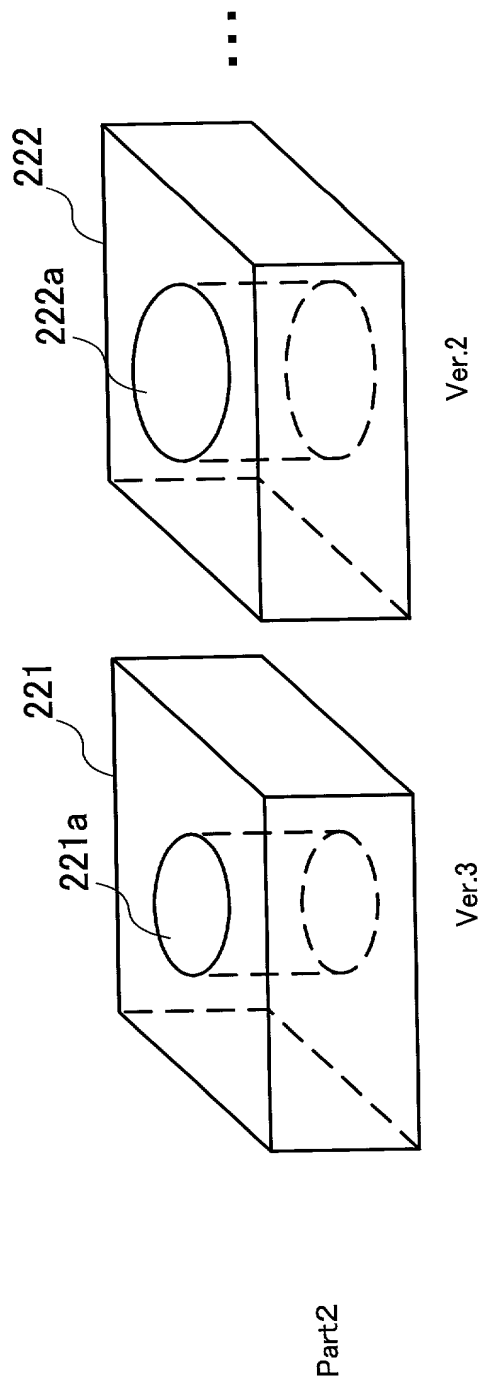


FIG. 6(A)

FIG. 6(B)

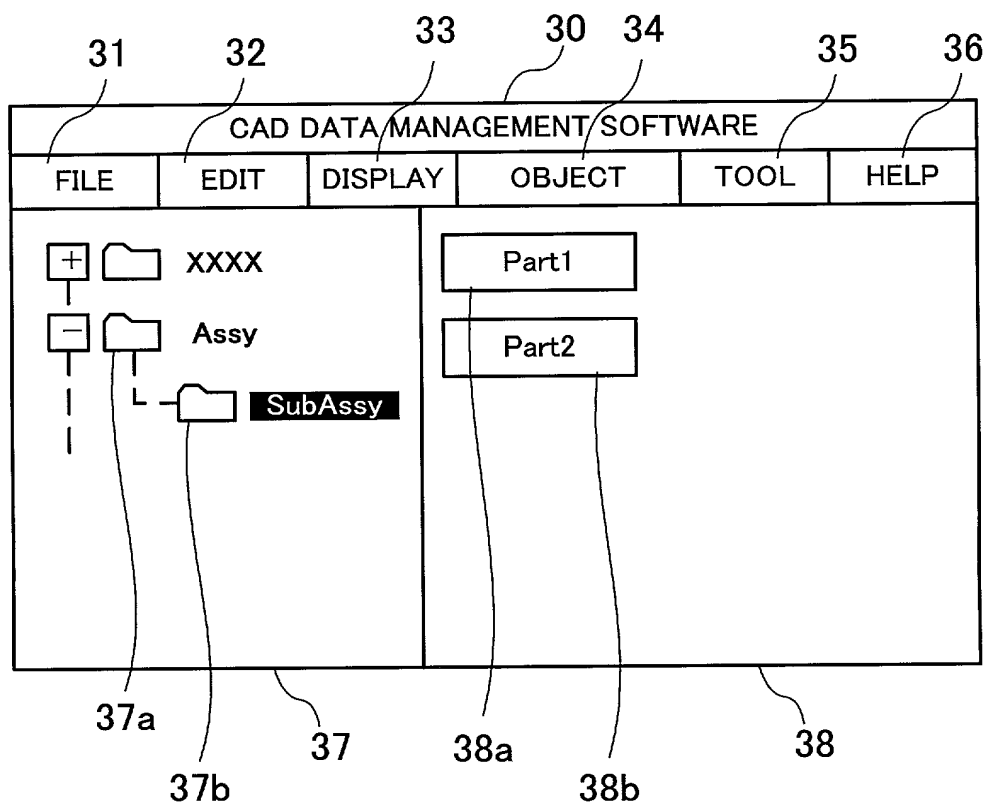


FIG. 7

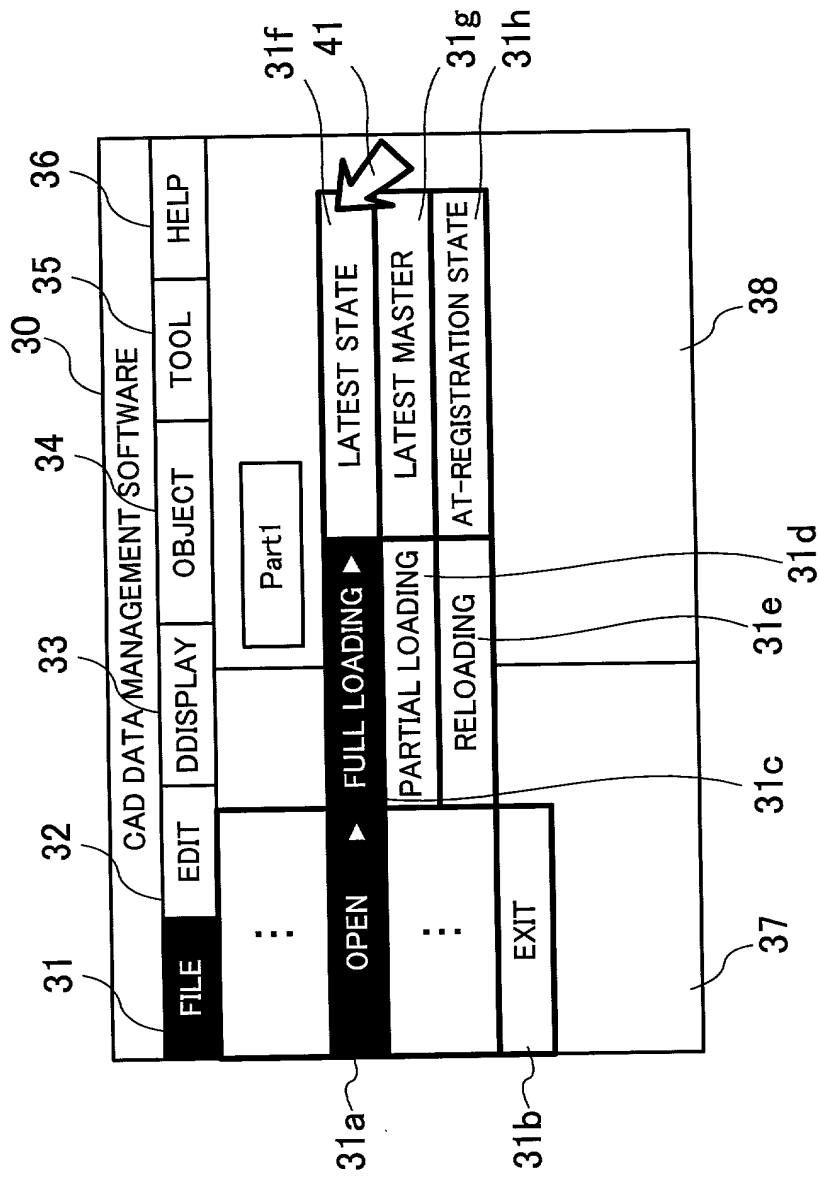


FIG. 8



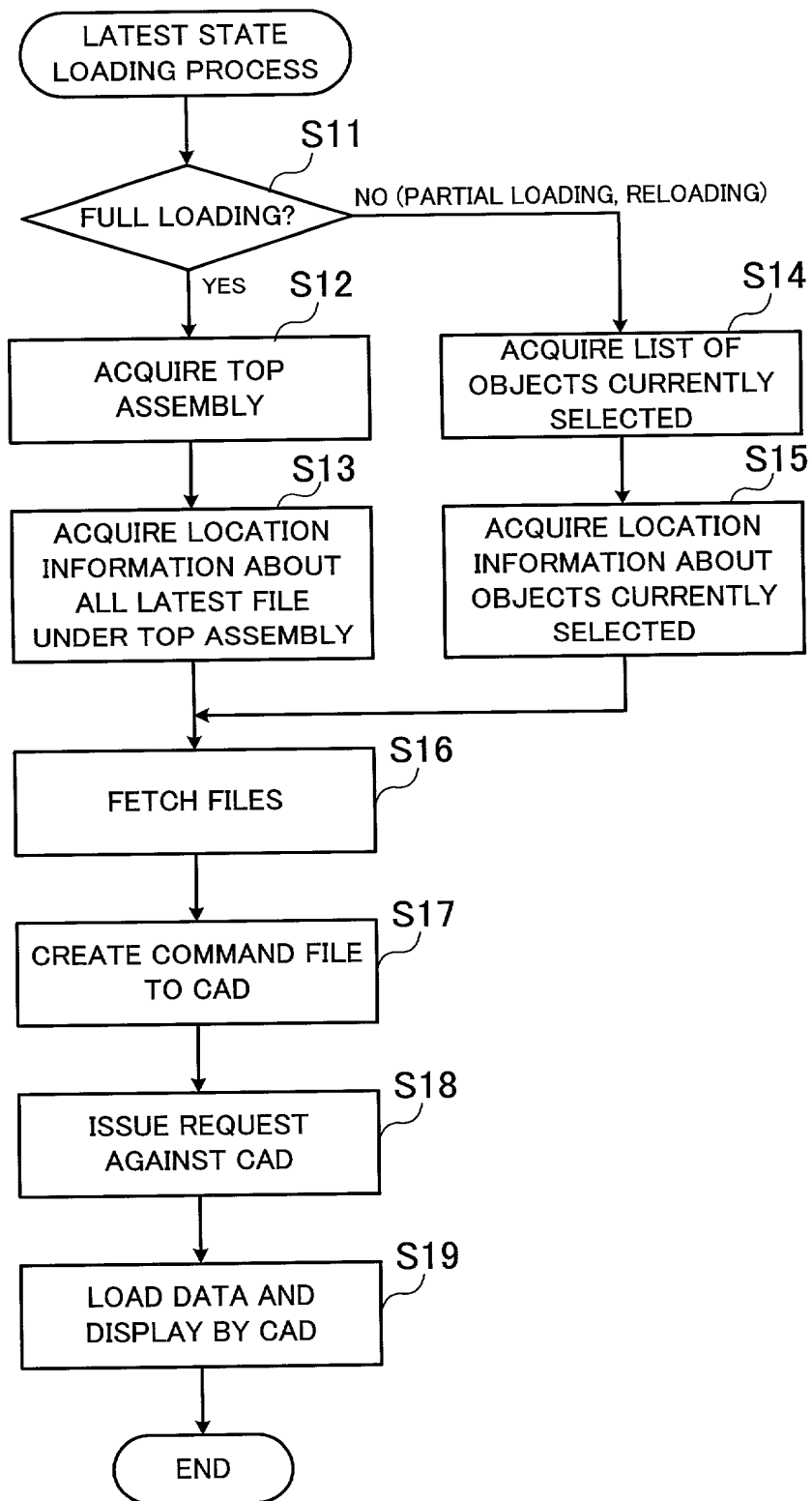
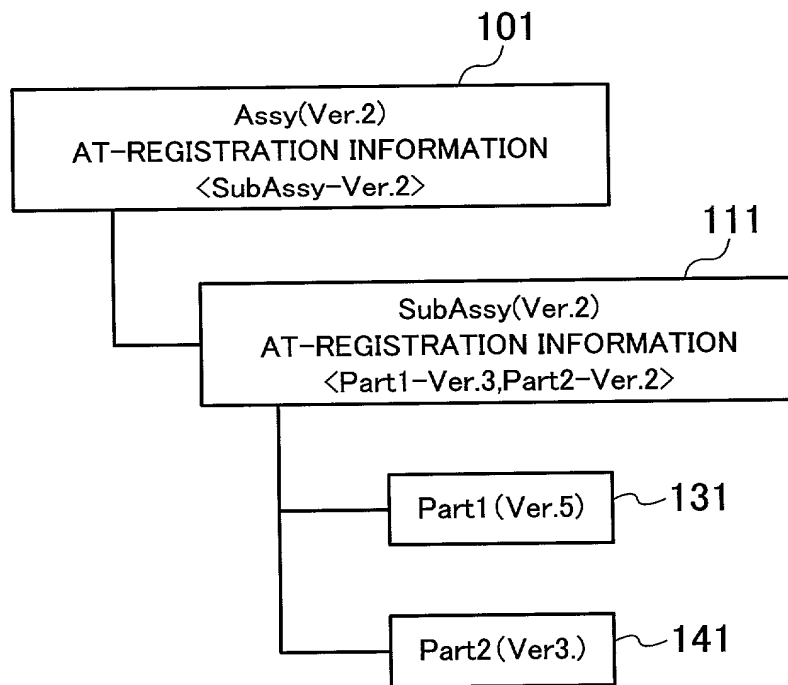


FIG. 9



EXAMPLE OF LOADING LATEST STATE

FIG. 10

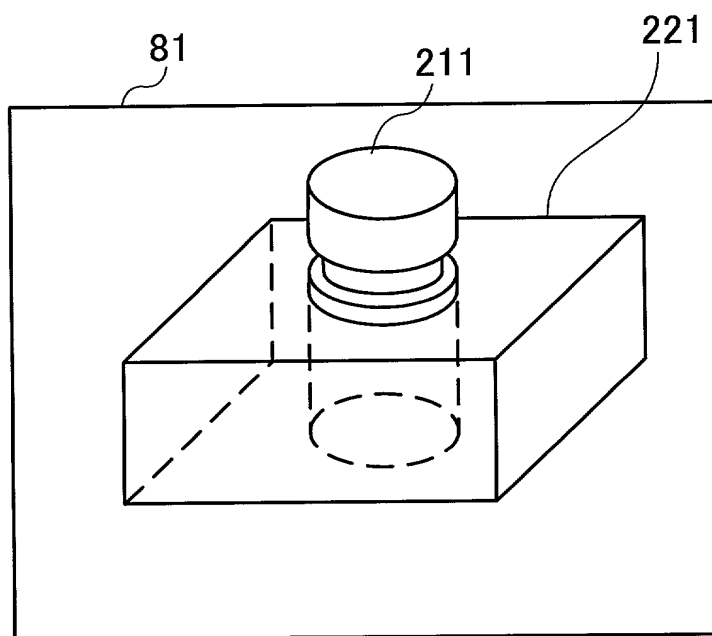


FIG. 11

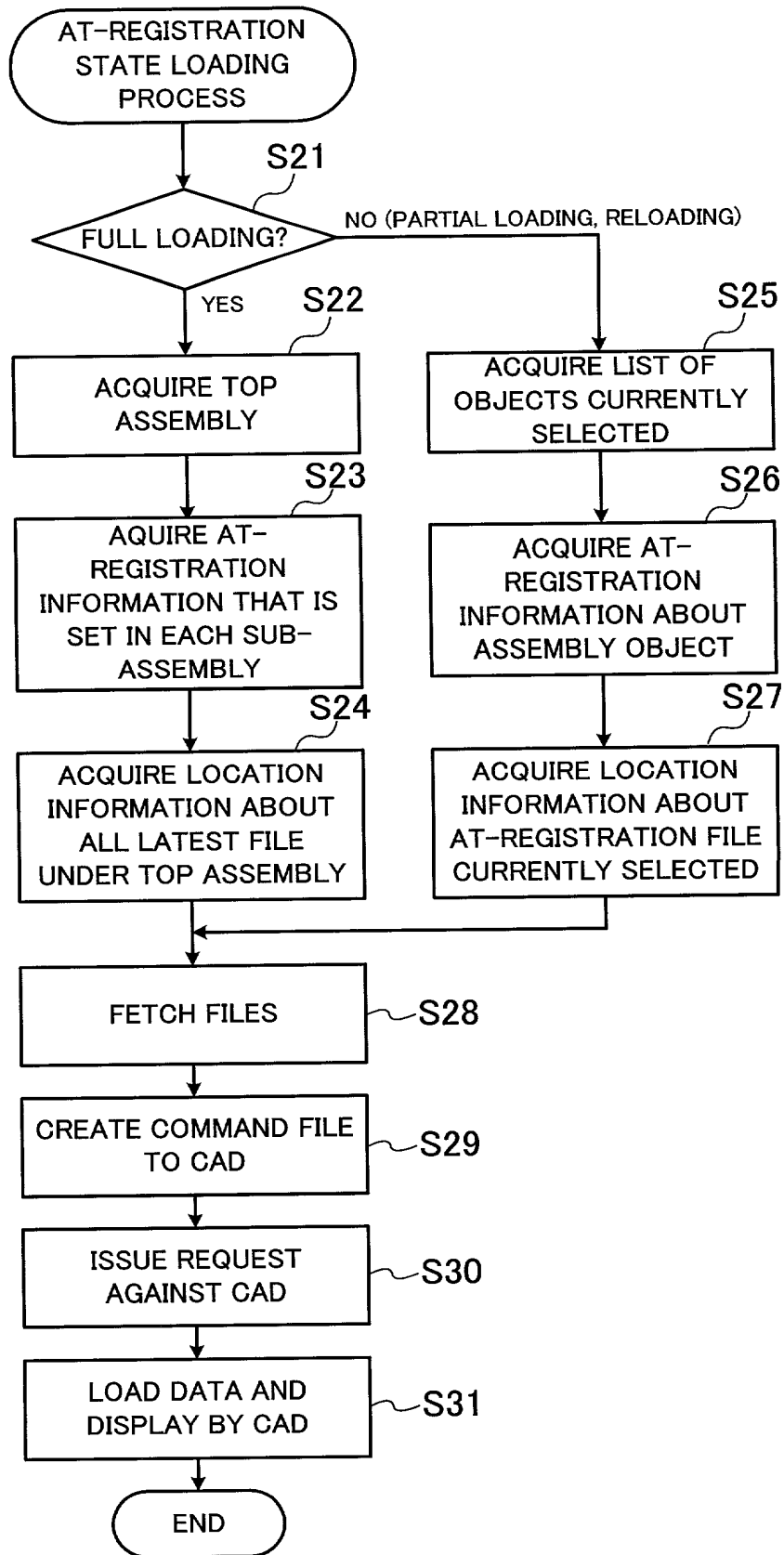
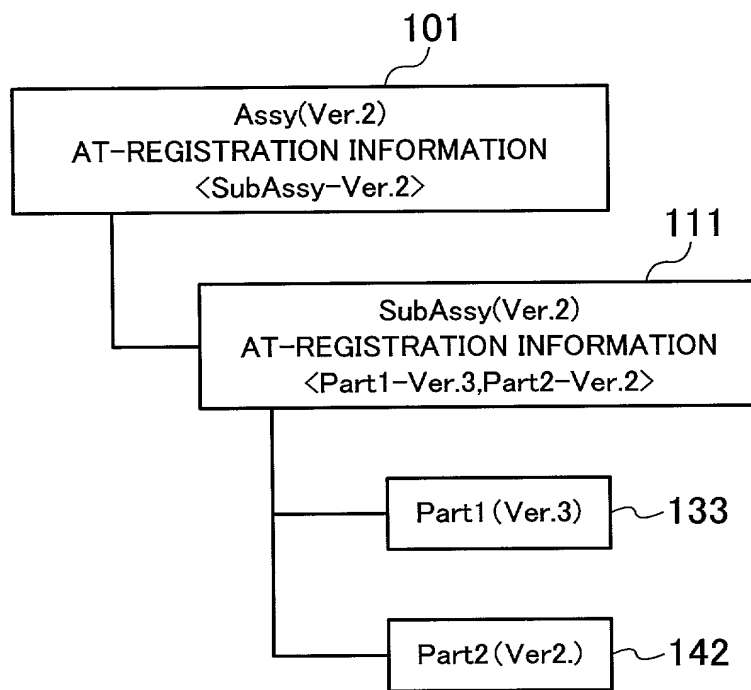


FIG. 12



EXAMPLE OF LOADING AT-REGISTRATION STATE

FIG. 13

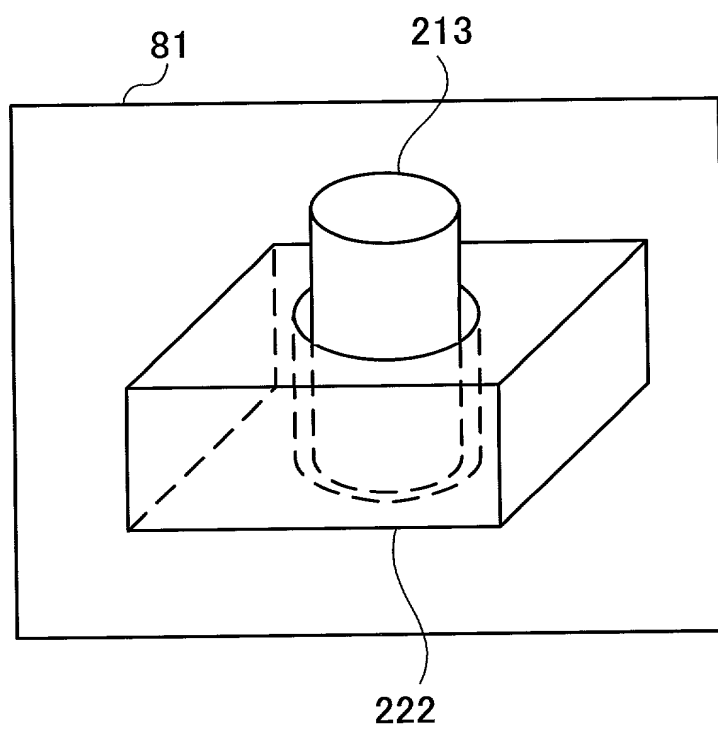


FIG. 14

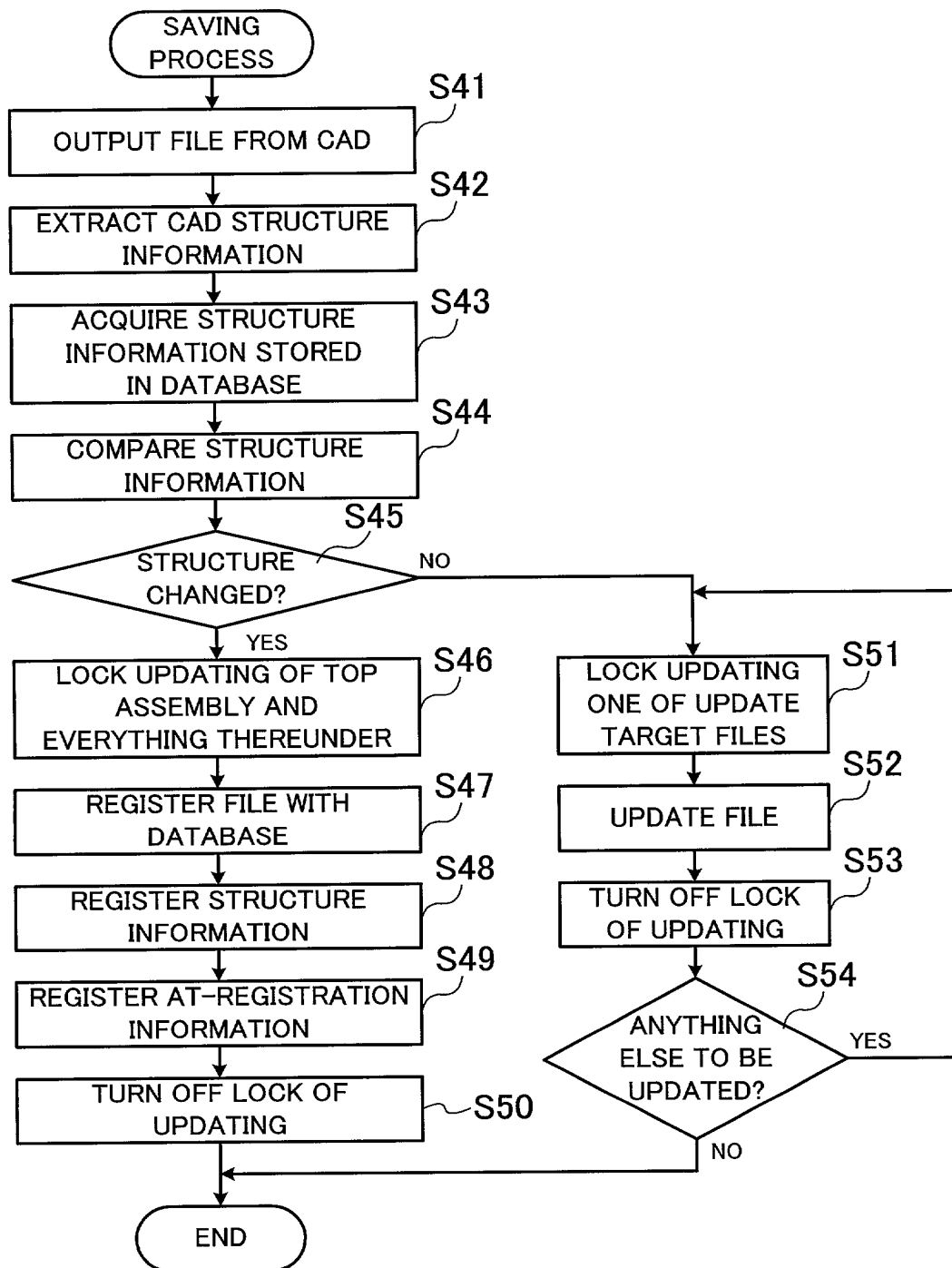
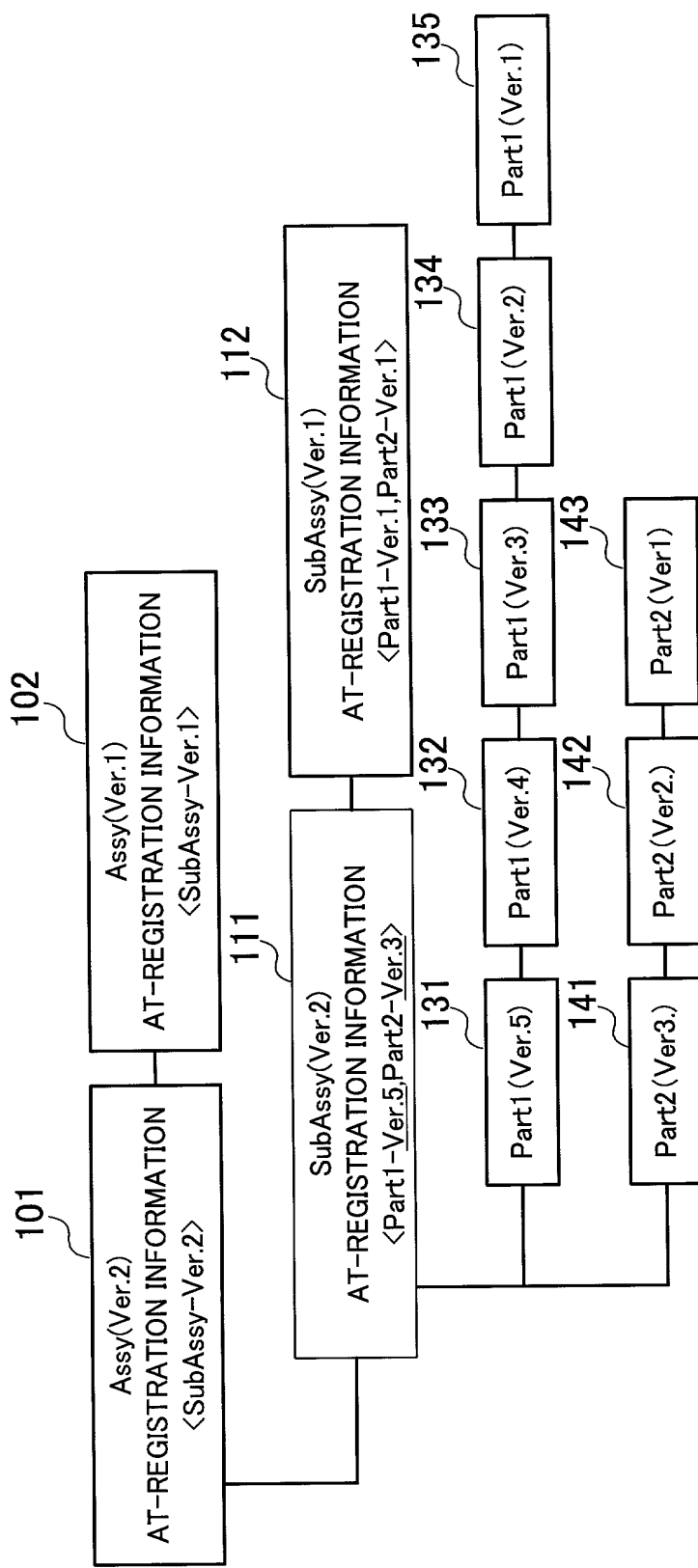


FIG. 15



EXAMPLE OF DATA STRUCTURE IN DB

FIG. 16



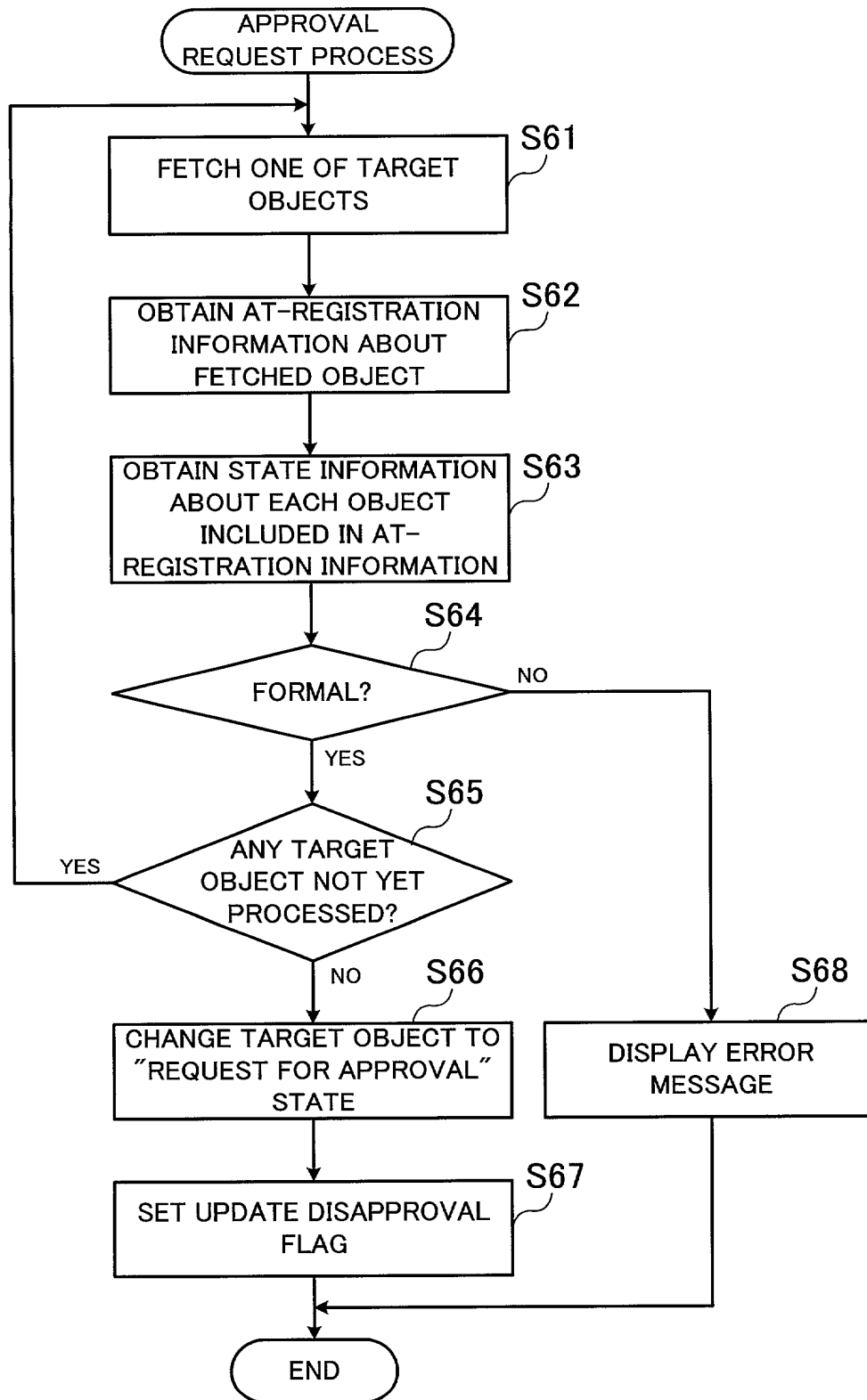


FIG. 17

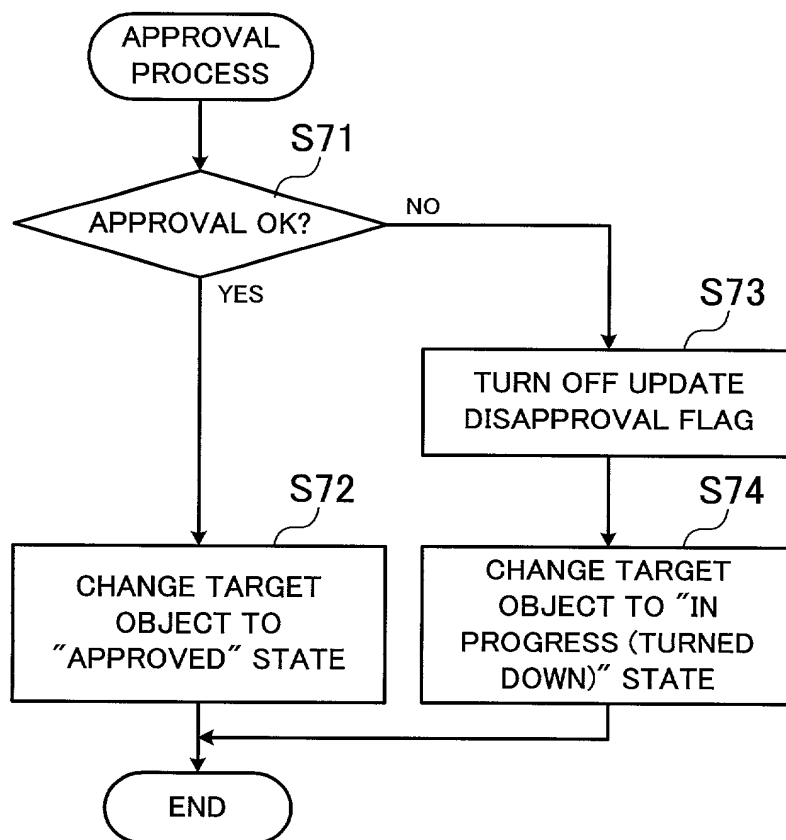


FIG. 18

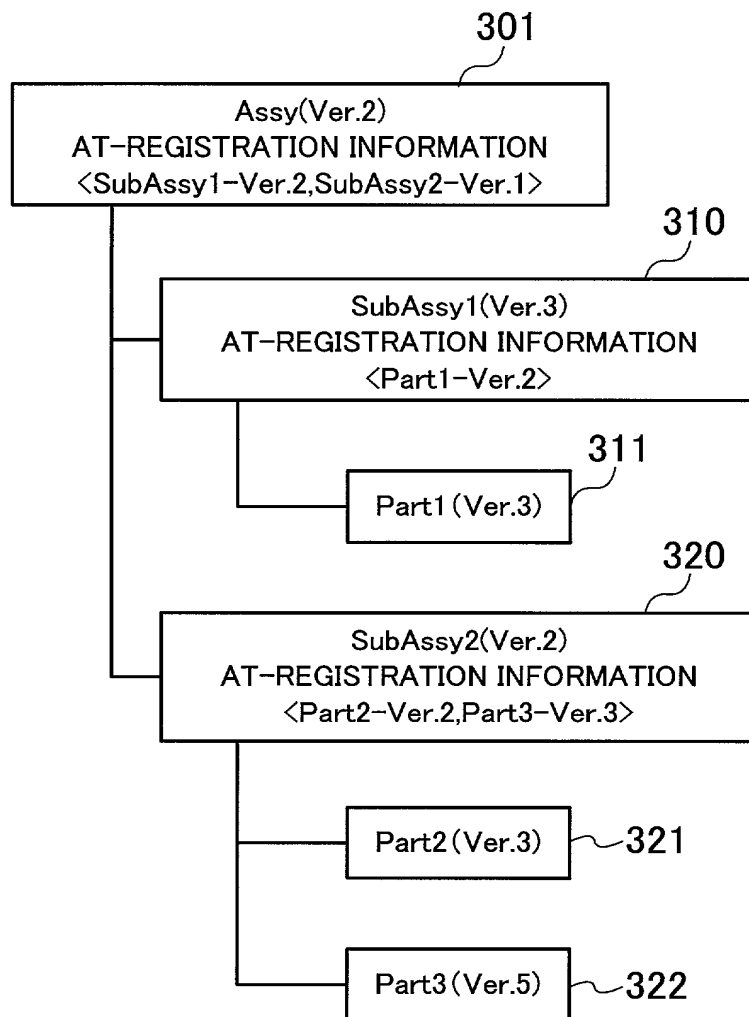


FIG. 19

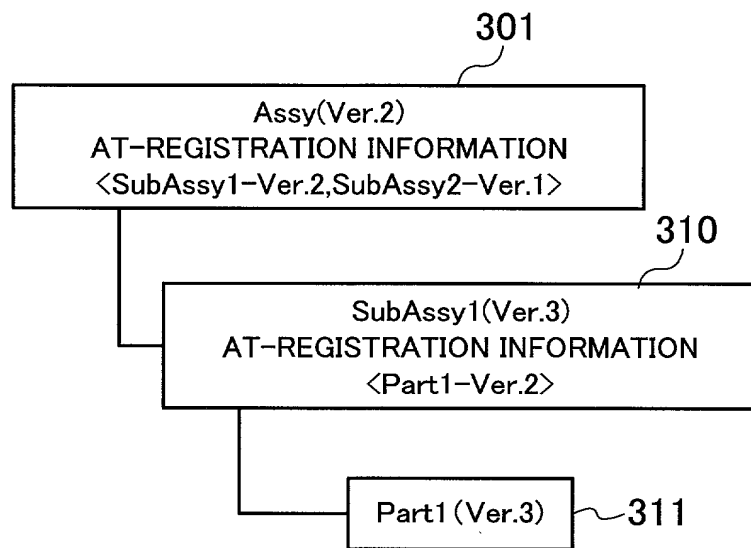


FIG. 20

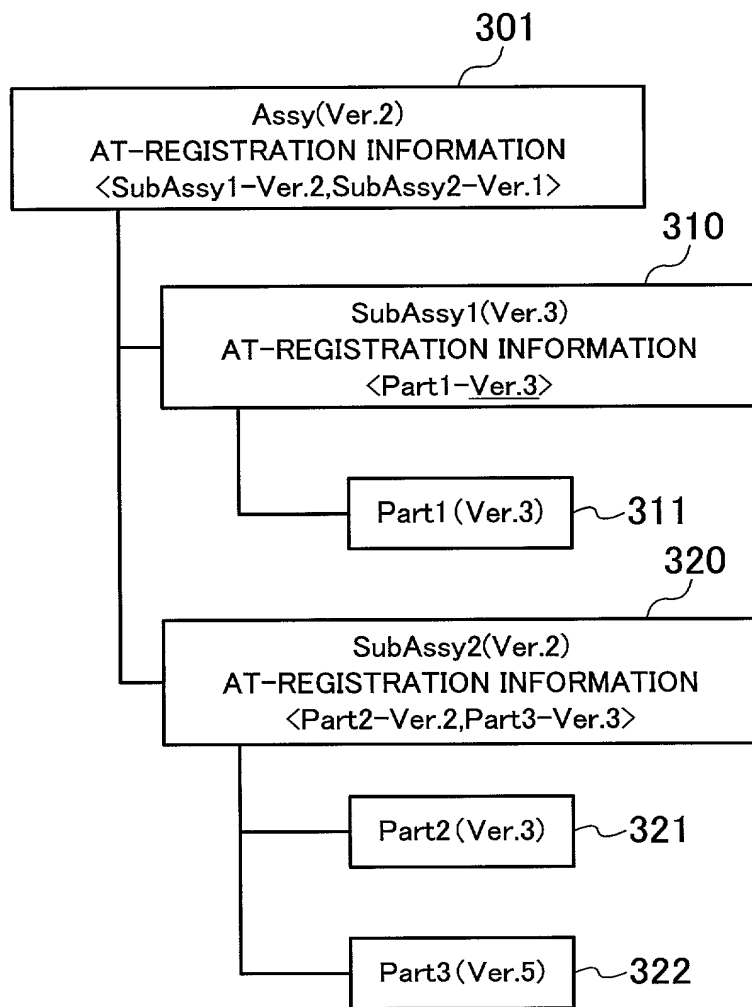


FIG. 21

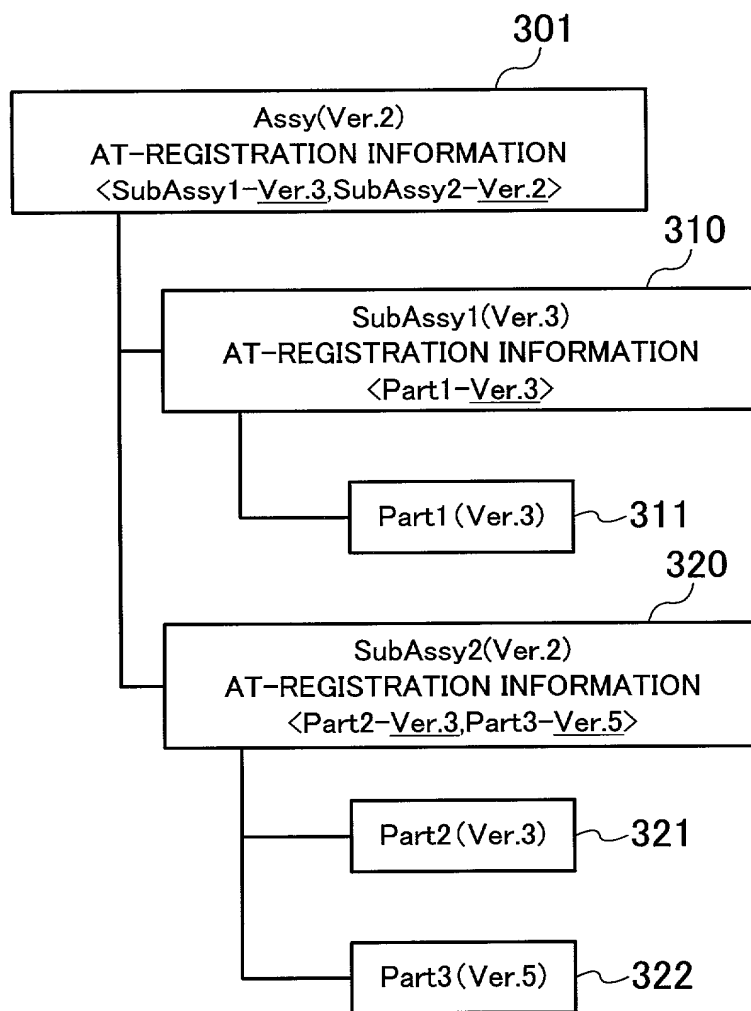


FIG. 22

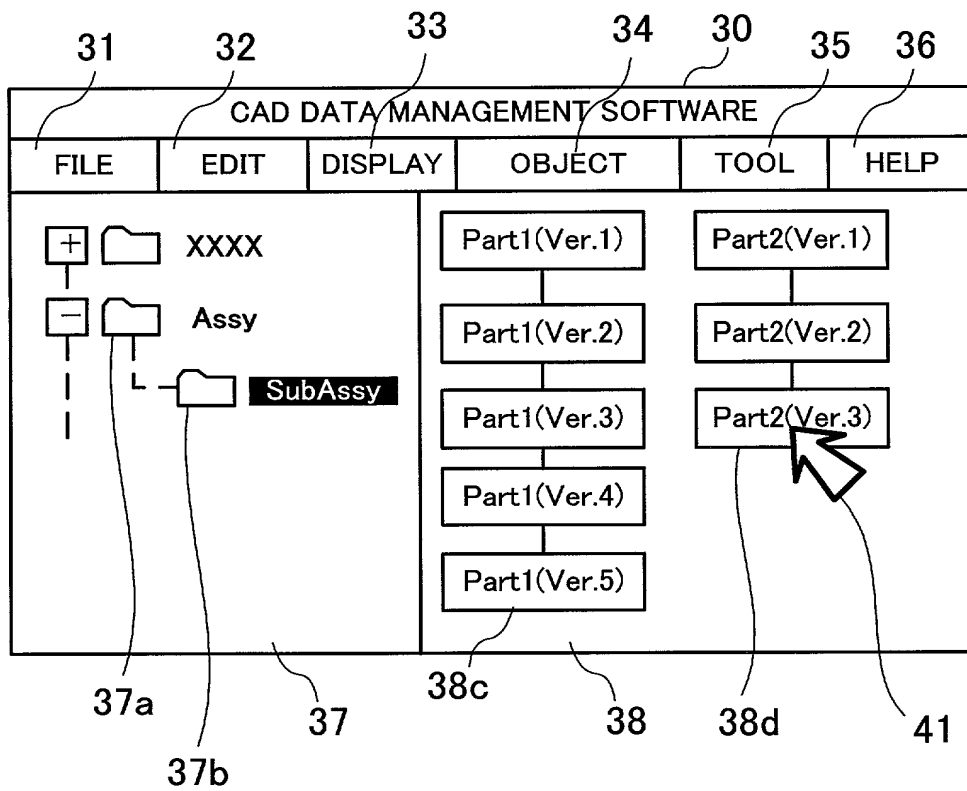


FIG. 23

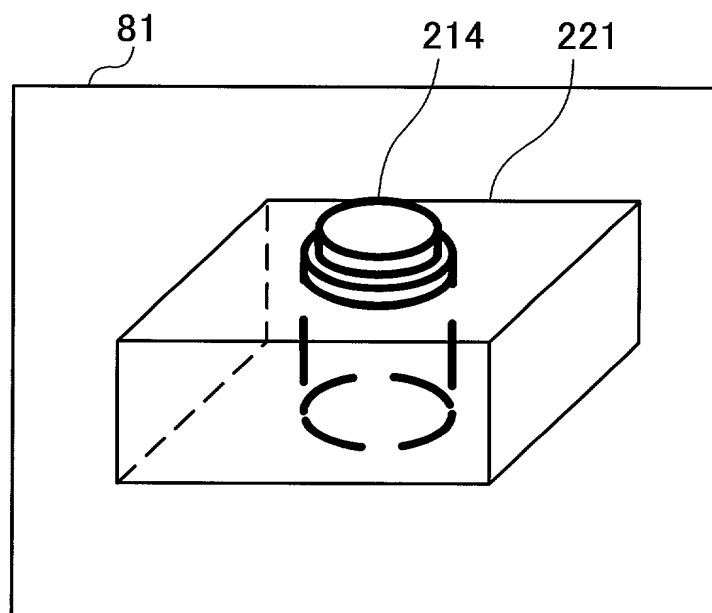


FIG. 24